

Amendments to the Claims:

This listing of the claims will replace all prior versions, and listings of claims in the application:

1-18. (Cancelled)

19. (Currently amended) A traction assembly that drives a wheel of a vehicle,

comprising:

an electromotor that directly drives the wheel of the vehicle, said electromotor positioned outside of the wheel, said ~~electrometer~~ electromotor having a housing;

a stator connected to the housing and comprising at least two groups of physically separated windings;

a rotor, coaxially and rotatably mounted ~~within~~ with the stator and comprising permanent magnets, wherein the rotor is stationary with respect to an axis of rotation of the rotor during operation of the electromotor;

a controller that controls electric current in the windings; at least one measurement tool that measures an angular position of the rotor with respect to the stator;

operating means, connected to the controller and the at least one measurement tool, for operating the electromotor, and

data communication means, connected to the operating means, for communicating data to outside the housing;

wherein the vehicle is self-propelled by the traction assembly.

20. (Previously presented) The traction assembly according to claim 19, wherein the at least one measurement tool comprises at least two means for measuring a magnetic field, arranged between two permanent magnets.
21. (Currently amended) The traction assembly according to claim 19 ~~or 20~~, wherein both axial ends of the rotor comprise attachment means, ~~in particular~~ for a driving shaft.
22. (Previously presented) The traction assembly according to claim 21, wherein one of the attachment means comprises a bush in which a shaft end can be operationally connected to the rotor.
23. (Currently amended) The traction assembly according to any one of ~~the preceding~~ claims 19-22 and 31-32, wherein the operating means have a so-called master and slave setting, wherein the operating means can be converted from a so-called master into slave setting, and vice versa, influenced by either the demand for power, the speed of rotation of the rotor or via the data communication means.
24. (Currently amended) The traction assembly according to any one of ~~the preceding~~ claims 21-22 and 31-32, wherein the other attachment end is provided with a homokinete.
25. (Previously presented) The traction assembly according to claim 23, further comprising at least two electromotors wherein one electromotor is set as so-called master

and the other one or ones as so-called slave, and wherein the data communication means are connected one to the other or others to each exchange data with each other.

26.-28. (Cancelled)

29. (Previously presented) The traction assembly according to claim 19 wherein the rotor is enclosed completely within the housing.

30. (Currently amended) A method for driving a wheel of a vehicle, comprising:

directly driving the wheel of the vehicle with an electromotor positioned outside of the wheel, said ~~electrometer~~ electromotor having a housing;

providing a stator connected to the housing and comprising at least two groups of physically separated windings;

providing a rotor, coaxially and rotatably mounted ~~within~~ with the stator and comprising permanent magnets, wherein the rotor is stationary with respect to an axis of rotation of the rotor during operation of the electromotor;

controlling electric current in the windings;

measuring an angular position of the rotor with respect to the stator;

operating the electromotor in accordance with the controlled electric current and the measured angular position, and

communicating data to outside the housing;

wherein the vehicle is self-propelled by the electromotor.

31. (New) The traction assembly according to claim 20, wherein both axial ends of the rotor comprise attachment means for a driving shaft.

32. (New) The traction assembly according to claim 31, wherein one of the attachment means comprises a bush in which a shaft end can be operationally connected to the rotor.